

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063430.D
 Acq On : 24 Jun 2025 10:17
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 25 06:21:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/25/2025
 Supervised By :Semsettin Yesilyurt 06/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.103	96	56764	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	23234	1.115	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
68) 1,2-Dichlorobenzene-d4	12.184	152	19905	0.951	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	196843	9.029	ug/l	99
3) Chloromethane	1.518	50	216619	7.542	ug/l	99
4) Vinyl Chloride	1.599	62	189526	7.706	ug/l	99
5) Bromomethane	1.843	94	94774	8.043	ug/l	99
6) Chloroethane	1.923	64	99352	6.821	ug/l	100
7) Trichlorofluoromethane	2.126	101	226702	8.083	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	118407	7.926	ug/l	95
9) 1,1-Dichloroethene	2.567	96	119106	7.991	ug/l	89
10) Iodomethane	2.708	142	136269	11.326	ug/l	99
11) Allyl Chloride	2.907	41	170939	6.438	ug/l	97
12) Acrylonitrile	3.306	53	66818m	15.516	ug/l	
13) Acetone	2.618	43	100195	26.365	ug/l	99
14) Carbon Disulfide	2.776	76	386403	7.434	ug/l	99
15) Methylene Chloride	3.026	84	144028	7.623	ug/l	91
16) trans-1,2-Dichloroethene	3.332	96	146466	8.734	ug/l	95
17) 1,1-Dichloroethane	3.846	63	335141	9.517	ug/l	99
18) 2-Butanone	4.714	43	250590	41.697	ug/l	100
19) Cyclohexane	5.357	56	266502	10.004	ug/l	97
20) Methylcyclohexane	6.746	83	244050	9.867	ug/l	98
21) 2,2-Dichloropropane	4.644	77	231389	9.245	ug/l	100
22) cis-1,2-Dichloroethene	4.647	96	171507	9.369	ug/l	98
23) Diethyl Ether	2.370	59	89142	6.628	ug/l	90
24) tert-Butyl Alcohol	3.197	59	110214	77.795	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	353404	8.718	ug/l	97
26) Bromochloromethane	4.952	128	65786	9.233	ug/l	99
27) Chloroform	5.071	83	305259	9.247	ug/l	100
28) 1,1,1-Trichloroethane	5.293	97	254762	9.518	ug/l	99
29) 1,1-Dichloropropene	5.502	75	236262	9.662	ug/l	99
30) Carbon Tetrachloride	5.499	117	207617	9.711	ug/l	100
31) Isopropyl Ether	3.991	45	519904	9.451	ug/l	98
32) Ethyl-t-butyl ether	4.505	59	439624	9.429	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	336962	10.096	ug/l	99
34) Propionitrile	4.775	54	77852	44.782	ug/l	98
35) Benzene	5.756	78	721089	9.749	ug/l	100
36) 1,2-Dichloroethane	5.782	62	198400	9.175	ug/l	100
37) Trichloroethene	6.528	130	165362	9.460	ug/l	98
38) 1,2-Dichloropropane	6.782	63	203167	9.945	ug/l	99
39) Methacrylonitrile	4.972	41	63129	8.729	ug/l	99
40) Methyl acrylate	4.846	55	90078	8.870	ug/l	99
41) Tetrahydrofuran	5.062	42	67163	17.261	ug/l	98
42) 1-Chlorobutane	5.438	56	338259	9.751	ug/l	95
43) Dibromomethane	6.907	93	91375	9.575	ug/l	97
44) Bromodichloromethane	7.097	83	220512	9.486	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	505735	49.367	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	53307m	15.831	ug/l	
47) Methyl methacrylate	6.965	69	161083	17.827	ug/l	98
48) Ethyl methacrylate	8.332	69	146595	9.196	ug/l	97
49) Toluene	7.962	92	429525	10.577	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	185549	11.068	ug/l	97
51) cis-1,3-Dichloropropene	7.598	75	238113	10.575	ug/l	99
52) 1,1,2-Trichloroethane	8.393	97	131046	9.393	ug/l	99
53) 1,3-Dichloropropane	8.569	76	231907	9.662	ug/l	100
54) 2-Hexanone	8.685	43	330410	42.285	ug/l	99
55) Dibromochloromethane	8.801	129	142014	9.867	ug/l	100
56) 1,2-Dibromoethane	8.917	107	106773	9.441	ug/l	99
58) Tetrachloroethene	8.544	164	163986	9.563	ug/l	99
59) Chlorobenzene	9.441	112	432893	9.957	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	150840	9.639	ug/l	99
61) Pentachloroethane	11.418	117	121750	9.550	ug/l	100
62) Hexachloroethane	12.463	117	114219	9.962	ug/l	98
63) Ethyl Benzene	9.563	91	767501	11.012	ug/l	100
64) m/p-Xylenes	9.685	106	619333	18.844	ug/l	98
65) o-Xylene	10.090	106	284030	10.727	ug/l	99
66) Styrene	10.106	104	494730	9.374	ug/l	100
67) Bromoform	10.283	173	75183	9.560	ug/l	98
69) Isopropylbenzene	10.476	105	666943	10.872	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	165534	9.276	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	141111m	9.682	ug/l	
72) Bromobenzene	10.775	156	171866	9.981	ug/l	86
73) n-propylbenzene	10.897	120	204149	9.209	ug/l	100
74) 2-Chlorotoluene	10.978	126	181600	10.669	ug/l	99
75) 1,3,5-Trimethylbenzene	11.077	105	683249	9.381	ug/l	100
76) 4-Chlorotoluene	11.090	126	190767	10.700	ug/l	99
77) tert-Butylbenzene	11.412	119	607798	10.784	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	699732	9.453	ug/l	98
79) sec-Butylbenzene	11.634	105	874646	10.957	ug/l	99
80) Nitrobenzene	13.203	77	33056	39.666	ug/l	98
81) p-Isopropyltoluene	11.785	119	713454	9.324	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	352597	9.885	ug/l	100
83) 1,4-Dichlorobenzene	11.827	146	368611	9.960	ug/l	98
84) n-Butylbenzene	12.200	91	701045	10.729	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	335577	9.830	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.987	75	24241	9.881	ug/l	98
87) 1,2,4-Trichlorobenzene	13.833	180	183096	9.620	ug/l	99
88) Hexachlorobutadiene	14.010	225	129279	9.580	ug/l	99
89) Naphthalene	14.081	128	298147	7.773	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	182064	9.620	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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